U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 SIXTH AVENUE
SEATTLE, WASHINGTON 98101

1.1.1

JUL 23 1987

REPLY TO
ATTN OF: HW-113

Alex Buxbaum
R&A Plant Soils, Inc.
24 Pasco-Kahlotus Rd.
Pasco, Washington 99301

Dear Mr. Buxbaum:

The U.S. Environmental Protection Agency (EPA), through Ecology and Environment, Inc. (E&E), collected a ground water sample from your drinking water well on March 18, 1987. The sample was analyzed for approximately 150 compounds on EPA's Target Compound List. According to EPA's regional toxicologist, the results show that the chemical concentrations are at levels which do not pose an unacceptable health risk.

Most of the substances tested for were not detected in your water sample. The substances that were detected are listed on the enclosed sheet.

The sodium value exceeds the EPA guidance level of 20,000 micrograms per liter (parts per billion). Persons with a genetic predisposition to hypertension, hypertensive patients, dialysis patients, and others on sodium restrictive diets should consult with their physician concerning these findings. Pregnant women should also consult their physician.

If you have any questions, please telephone me at (206) 442-2712.

Sincerely,

Lori Cohen
Superfund Site Manager

Enclosure

cc: Stan Vendetti, Benton-Franklin County Health District

SAMPLING RESULTS

Sample Location: Buxbaum Residence
Pasco, Washington

Sample Date: March 18, 1987

Substance	Level Detected (ug/l *)	EPA Guideline or Standard (ug/l *)
Arsenic	6	50
Barium	73	1000
Calcium	63830	No standard exists
Chromium	9	50
Cobalt	8	No standard exists
Copper	1	1000
Iron	195 (estimate)	300
Magnesium	22780	No standard exists
Manganese	3	50
Potassium	7508	No standard exists
Selenium	2	10
Sodium	37620	20000
Thallium	3	No standard exists
Vanadium	22.6	No standard exists
Zinc	50	5000

* - The units for all the data presented here are: ug/l = micrograms per liter (parts per billion)

For the compounds for which there is currently no standard, EPA's regional toxicologist believes these levels do not pose an unacceptable health risk.